

WHAT IS CLAIMED IS:

1. A system for delivering an audio announcement in a telecommunication system, the system comprising:

5 a. a base station coupled to a plain old telephone service (POTS) line and having a transceiver for communicating over an air interface;

b. a mobile unit operable to communicate with the base station over the air interface and having a speaker;

10 c. a recorded message subsystem at the base station for recording a voice message and associating the voice message with first caller id information;

d. circuitry at the base station for receiving second caller id information from the POTS;

15 e. logic at the base station for selecting the voice message in response to the second caller id information and transmitting the voice message to the mobile unit; and

20 f. logic at the mobile unit for receiving the voice message and transmitting the voice message to the speaker.

2. The system of Claim 1 further comprising a flash memory at the base station for recording the voice message.

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3. The system of Claim 1 further comprising a plurality of mobile units.

30 4. The system of Claim 3 wherein logic at the base station selects which of the plurality of mobile units is to receive the voice message.

5. The system of Claim 4 wherein the selection is based on which of the mobile units has an enabled speaker.

5 6. The system of Claim 4 wherein logic at the base station provides the voice message to the selected mobile units generally simultaneously.

10 7. The system of Claim 1 wherein logic at the base station selects one of the mobile units to receive the voice message.

15 8. The system of Claim 1 wherein the first and second caller id information, respectively comprise telephone numbers.

20 9. The system of Claim 8 further comprising logic at the base station for determining which of the mobile units is speaker enabled.

10. The system of Claim 1 wherein the logic compares the first and second caller id information to select the voice message.

25 11. The system of Claim 1 wherein the logic at the base station communicates the voice message from the base station to the mobile unit using a connection-oriented protocol.

30 12. The system of Claim 11 wherein the connection-oriented protocol uses a peer-to-peer communication technique.

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15. The system of Claim 1 wherein the first caller id information comprises at least one name.

16. A method for delivering an audio announcement in a telecommunication system, the method comprising:

a. providing a recorded voice message associated with first caller id information;

5 b. receiving second caller id information from a service provider;

c. selecting the voice message in response to the second caller id information;

10 d. transmitting the voice message from a base unit, connected to the service provider, to a mobile unit over an air interface;

e. receiving the voice message at the mobile unit; and

15 f. playing the voice message over a speaker at the mobile unit.

17. The method of Claim 16 further comprising selecting one of a plurality of mobile units for receiving the voice message.

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18. The method of Claim 17 wherein the selection is based on which of the mobile units has an enabled speaker.

25 19. The method of Claim 16 further comprising selecting at least one of a plurality of mobile units for receiving the voice message and wherein the voice message is received generally simultaneously at the selected mobile units.

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20. The method of Claim 16 wherein selecting the voice message comprises comparing the first and second caller id information and selecting the voice message based on the comparison.

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21. The method of Claim 20 further comprising transmitting the second caller id information in a text-only form when the first and second caller id information do not match.

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22. The method of Claim 16 wherein the mobile unit comprises a first mobile unit and further comprising transmitting the voice message from the base unit to a second mobile unit over the air interface.

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23. The method of Claim 16 further comprising determining which mobile units have enabled speakers.

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24. The method of Claim 16 wherein playing the voice message comprises suppressing a second ring associated with an incoming call and playing the voice message in place of the second ring.

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25. The method of Claim 16 wherein the voice message is transmitted from the base station to the mobile unit using a connection-oriented protocol.

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26. The method of Claim 25 wherein the connection-oriented protocol uses a peer-to-peer communication technique.

27. The method of Claim 16 wherein the first caller id information comprises at least one telephone number.

28. The method of Claim 16 wherein the first caller
5 id information comprises at least one name.

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29. A method for delivering an audio announcement in a telecommunication system, the method comprising:

a. connecting a base station to a telecommunications service provider;

5 b. recording a voice message at the base station;

c. associating the voice message with a telephone number;

d. receiving, at the base station, caller id information from a service provider;

10 e. selecting the recorded voice message in response to the caller id information;

f. selecting one of a plurality of mobile stations;

15 g. transmitting the voice message to the selected mobile station over an air interface; and

h. playing the voice message over a speaker at the mobile station.

20 30. The method of Claim 29 wherein the connection between the base station and the telecommunications service provider is over a wire interface.

25 31. The method of Claim 29 wherein the voice message is recorded in a memory at the base station.

32. The method of Claim 29 wherein the caller id information is received between a first ring and second ring associated with an incoming call.

30 33. The method of Claim 32 further comprising suppressing the second ring.

34. The method of Claim 33, wherein the voice message is played over the speaker at the mobile station while the second ring is suppressed.

5 35. The method of Claim 29 further comprising identifying which of the plurality of mobile stations has a speaker.

10 36. The method of Claim 29 wherein selecting the recorded message comprises comparing the telephone number to the caller id information.

15 37. The method of Claim 29 further comprising selecting one of a plurality of mobile stations for receiving the voice message.

20 38. The method of Claim 37 wherein the selection is based on which of the mobile stations has an enabled speaker.

25 39. The method of Claim 29 further comprising selecting at least one of a plurality of mobile stations for receiving the voice message and wherein the voice message is received generally simultaneously at the selected mobile stations.

30 40. The method of Claim 29 the voice message is transmitted from the base station to the mobile station using a connection-oriented protocol.

41. The method of Claim 40 wherein the connection-oriented protocol uses a peer-to-peer communication technique.

5 42. The method of Claim 29 wherein the first caller id information comprises at least one telephone number.

43. The method of Claim 29 wherein the first caller id information comprises at least one name.

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